

Method of determining the position of a mobile radio receiver.

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A method is described for determining the position of a mobile radio receiver which is equipped with a decoder to decode the radio data signal (RDS) and with a directional antenna arrangement. For this purpose, the radio data signals of at least three fixed transmitters are evaluated and the relative angles of incidence of their radio signals identified. Through the evaluation of the radio data signals, the transmitters can be identified and their location coordinates obtained from a stored table. The location coordinates of the mobile radio receiver can then be calculated via trigonometric functions from the relative angles of incidence and the location coordinates of the fixed transmitters.

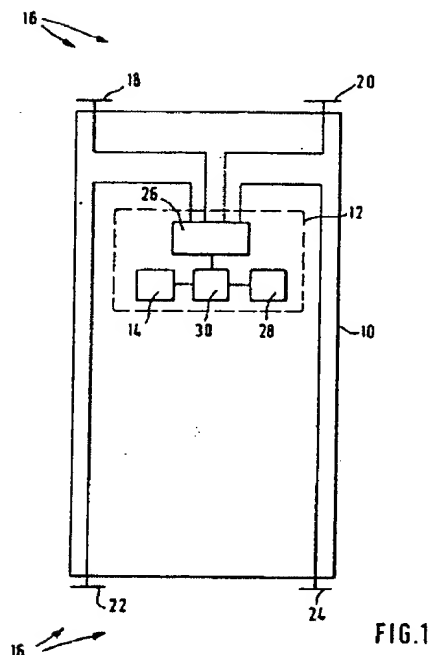


FIG.1

Data supplied from the esp@cenet database - Worldwide